Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 01 Sep 2022 until 23:59 on Friday 02 Sep 2022

Forecast Issued on Wednesday 31 Aug 2022 at 14:54

Confidence: High confidence for the main story and the unsettled conditions over the weekend but low for the timing and distribution of any rain/showers.

Headline for Thursday 01 Sep 2022: Another pleasant day, with sunshine and fair weather cloud.

Mountain weather hazards on Thursday 01 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	FOG						
Partly cloudy (night)	Fog	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability							
10%	10%	10%	00%	<05%	10%	20%	10%

Forecast for Thursday 01 Sep 2022

Weather: A fine and dry night however, some patchy low cloud is expected to develop on the windward side of the park. Remaining largely clear in the west, but with mist and shallow fog patches in sheltered valleys. The cloud will lift and break during the morning, allowing sunny spells to develop and become predominant in the afternoon, the sun looking hazy at times. Remaining dry and largely clear in the evening.

Chance of cloud-free hill tops above 600m: 40% becoming 95% or more by late morning

Low cloud and visibility: Mediocre in some valleys due to the presence of mist and shallow fog early morning, but very poor at height, with low cloud covering eastern slopes between 300-600m. Becoming very good during morning, with excellent panoramic views and distant hills clearly visible.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 01 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/23 NE	17/23 NE	16/22 NE	20/27 E	16/23 E	14/20 E	13/20 E	14/22 E	13/20 E
300	12/20 E	11/18 NE	11/18 NE	16/23 E	14/20 E	12/18 E	11/19 NE	11/20 E	9/18 E
Valley	10/22 E	8/19 NE	9/20 NE	11/23 E	11/21 E	10/19 E	10/20 E	11/24 E	11/22 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/7	10/7	11/8	14/11	15/12	14/12	12/10	11/8
300	13/10	12/10	12/10	14/12	17/14	18/16	17/15	15/13	13/12
Valley	13/11	12/11	13/11	16/14	19/16	20/17	17/16	15/13	14/12
Freezing Level*	2000m	2100m	2000m	2000m	2000m	2200m	2300m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cool at height in the east to northeasterly wind, a warm layer is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 30 Aug 2022	0mm	0mm	0mm

Forecast for Friday 02 Sep 2022

Weather: Bright but rather cloudy with an increasing chance of showers in the afternoon, these perhaps merging into longer spells of rain in the evening. Turning dull.

Maximum wind: Easterly 10mph with gusts 20mph.

Chance of cloud-free hill tops above 600m: 90% or more.

Low cloud and visibility: A low risk of patchy low cloud early in the morning, with cloud base around 600m. Lifting very quickly to give a very good visiblity. Visibility deteriorating during the afternoon to become hazy, with sudden reductions in and around any showers.

Temperature: **Valleys:** Plus 12 becoming plus 18 Celsius.
At 600m: Plus 9 becoming plus 14 Celsius.
Freezing level: Above summits

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